

## **FPL – PRINCETON SUBSTATION WATER AND WASTEWATER – CIVIL ENGINEERING DESIGN SERVICES**

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**Client Name:** *Florida Power & Light Company (FPL)*

**Type of Service:** *Civil Engineering Services*

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Milian, Swain & Associates, Inc. (MSA) is providing Civil Engineering Services for the design, permitting and construction documents for the new Princeton Substation. MSA's scope of services included the development of the design of the construction and permitting plans, and obtaining the governmental approvals and regulatory permits for the site development construction.

**Project Initiation and Data Collection** – Under this task, MSA provided the following services:

- Attended Kick-off meeting with FPL.
- Reviewed the existing surveys, reports and other documents that contained the existing conditions of the substation, in order to understand the development and design constraints.
- Performed a site visit for additional data collection.

**Water and Wastewater Connection** – During this phase of the project MSA assisted with the following:

- Prepared the plans, details and calculations for water and wastewater services for all facilities (existing and new) included in the substation.
- Coordinated with the appropriate regulatory agencies in order to obtain the necessary approvals.
- In addition, MSA provided a construction cost estimate at the 100% design stage.

**Construction Services & As-Built Certification** - MSA will assist during the construction phase of the project as follows:

- Provide shop drawing review assistance.
- Provide the necessary as-built certifications and any other certifications required by the permitting agencies for water and wastewater connections.
- Perform construction observation services of improvements as necessary to prepare construction completion certifications.